

PTO/SB/08A (10-96) [MODIFIED]

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

 <p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	10/791,205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	1	of	3	Attorney Docket Number	2003-023-DSK (STK03023PUSP)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HD	4,504,936			Faber et al.	03-12-1985	
	4,674,004			Smith et al.	06-16-1987	
	4,754,397			Varaiya et al.	06-28-1988	
	5,063,476			Hamadah et al.	11-05-1991	
	5,206,845			Baxter et al.	04-27-1993	
	5,237,484			Ferchau et al.	08-17-1993	
	5,412,661			Hao et al.	05-02-1995	
	5,446,855			Dang et al.	08-29-1995	
	5,506,750			Carteau et al.	04-09-1996	
	5,515,515			Kennedy et al.	05-07-1996	
	5,566,316			Fechner et al.	10-15-1996	
	5,604,662			Anderson et al.	02-18-1997	
	5,615,352			Jacobson et al.	03-25-1997	
	5,634,810			Niitsu et al.	06-03-1997	
	5,680,294			Stora et al.	10-21-1997	
	5,751,549			Eberhardt et al.	05-12-1998	
	5,757,617			Sherry	05-26-1998	
	5,832,198			Lucht	11-03-1998	
	5,914,858			McKeen et al.	06-22-1999	
HD	5,941,994			DeKoning et al.	08-24-1999	

FOREIGN PATENT DOCUMENTS

Examiner Signature	Hung Bri	Date Considered	9/18/06
-----------------------	----------	--------------------	---------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/791,205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	2003-023-DSK (STK03023PUSP)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Hung Bui	Date Considered	9/18/86
-----------------------	----------	--------------------	---------

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/791, 205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan et al.
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	2003-023-DSK (STK 03023PUSP)

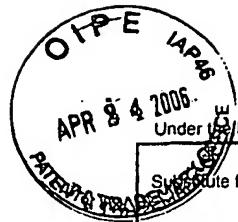
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HB		Infinisan ATAbey, Nexsan Technologies, On-Guard Technical Services, www.nexsan.com , ATA disk based RAID	
HB		Infinisan ATAbey2, Nexsan Technologies, On-Guard Technical Services, www.nexsan.com ATA disk based RAID	
HB		InfinisanD2D, There is a better way to protect my date than tape, Nexsan Technologies, www.nexsan.com	
AB		The Value of Storage Virtualization, a white paper, Falconstar Software, 2001 Falconstor Software, Inc, www.falconstor.com	
HB		Virtualization High Availability Mirroring Back Up Storage Devices, IPStor, FalconStor Software, The Art of Storage Networking, www.FalconStor.com	
HB		Sansymphony, Version 5 DataSheet, Storage Management, Virtualization and Control, DataCore Software www.datacore.com	
HB		New Tape Library Alternative from Alacritus Software, Alacritus Software, Protects Corporate Data Assets, Ensures High Quality Performance & Reduces Storage Management Costs	
AB		Double-Take, Features and Benefits, Advantages of Double Take, The Protection of Real-Time Data Replication in a Multi-Platform Software Solution, Continuous Data Availability, NSI Software	

Examiner Signature	Amy Bui	Date Considered	9/8/05
--------------------	---------	-----------------	--------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

~~Substitute for Form 1449A/PTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

 Substitute for Form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/791,205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan et al.
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	1	of	3	Attorney Docket Number	
2003-023-DSK (STK03023PUSP)					

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HD	4,504,936			Faber et al.	03-12-1985	
	4,674,004			Smith et al.	06-16-1987	
	4,754,397			Varaiya et al.	06-28-1988	
	5,063,476			Hamadah et al.	11-05-1991	
	5,206,845			Baxter et al.	04-27-1993	
	5,237,484			Ferchau et al.	08-17-1993	
	5,274,530			Anderson	12-28-1993	
	5,412,661			Hao et al.	05-02-1995	
	5,446,855			Dang et al.	08-29-1995	
	5,506,750			Carteau et al.	04-09-1996	
	5,515,515			Kennedy et al.	05-07-1996	
	5,566,316			Fechner et al.	10-15-1996	
	5,604,662			Anderson et al.	02-18-1997	
	5,615,352			Jacobson et al.	03-25-1997	
	5,634,810			Niitsu et al.	06-03-1997	
	5,680,294			Stora et al.	10-21-1997	
	5,751,549			Eberhardt et al.	05-12-1998	
V	5,757,617			Sherry	05-26-1998	
	5,832,198			Lucht	11-03-1998	
HB	5,914,858			McKeen et al.	06-22-1999	

FOREIGN PATENT DOCUMENTS

Examiner Signature	Hung Bui	Date Considered	9/18/06
-----------------------	----------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>	
				Application Number	10/791,205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan et al.
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	2003-023-DSK (STK03023PUSP)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Hung Bui	Date Considered	9/18/06
-----------------------	----------	--------------------	---------

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO				Complete if Known	
				Application Number	10/791, 205
				Filing Date	March 2, 2004
				First Named Inventor	Charles A. Milligan et al.
				Group Art Unit	2835
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	2003-023-DSK(STK03023PUSP)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HB		Infinisan ATAbey, Nexsan Technologies, On-Guard Technical Services, www.nexsan.com , ATA disk based RAID	
HB		Infinisan ATAbey2, Nexsan Technologies, On-Guard Technical Services, www.nexsan.com ATA disk based RAID	
HB		InfinisanD2D, There is a better way to protect my date than tape, Nexsan Technologies, www.nexsan.com	
HB		The Value of Storage Virtualization, a white paper, Falconstar Software, 2001 Falconstor Software, Inc, www.falconstor.com	
HB		Virtualization High Availability Mirroring Back Up Storage Devices, IPStor, FalconStor Software, The Art of Storage Networking, www.FalconStor.com	
HB		Sansymphony, Version 5 DataSheet, Storage Management, Virtualization and Control, DataCore Software www.datacore.com	
HB		New Tape Library Alternative from Alacritus Software, Alacritus Software, Protects Corporate Data Assets, Ensures High Quality Performance & Reduces Storage Management Costs	
HB		Double-Take, Features and Benefits, Advantages of Double Take, The Protection of Real-Time Data Replication in a Multi-Platform Software Solution, Continuous Data Availability, NSI Software	

Examiner Signature	Hung Bui	Date Considered	9/18/06
--------------------	----------	-----------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³Applicant is to place a check mark here if English language Translation is attached.